

**Supplemental Table 2. List of DNA oligonucleotide primers used in this study**

Primer	Sequence (5' → 3')
For deep-sequencing:	
CRISPRi_TSS_12_P5	AATGATACGGCGACCACCGAGATCTACACTTGTAGGAAGAGCACACGTCTGAACTCCAGTCACGCACAAAAGGAAACTCACCCCT
CRISPRi_TSS_12_P7	CAAGCAGAAGACGGCATAACGAGATCTTGTAGTGACTGGAGTTCAGACGTGTGCTCTTCCGATCACGACTCGGTGCCACTTTTTTC
CRISPRi_TSS_6_P5	AATGATACGGCGACCACCGAGATCTACAGCCAATGGAAGAGCACACGTCTGAACTCCAGTCACGCACAAAAGGAAACTCACCCCT
CRISPRi_TSS_6_P7	CAAGCAGAAGACGGCATAACGAGATGCCAATGTGACTGGAGTTCAGACGTGTGCTCTTCCGATCACGACTCGGTGCCACTTTTTTC
CRISPRi TSS_seq V2	GTGTGTTTTGAGACTATAAGTATCCCTTGGAGAACCACCTTGTGG
For qPCR:	
qActB-F	AGAGCTACGAGCTGCCTGAC
qActB-R	AGCACTGTGTTGGCGTACAG
qGAPDH-F	AATCCCATCACCATCTTCCAG
qGAPDH-R	AAATGAGCCCCAGCCTTC
qEnv-F	GAGACAGAGACAGATCCATTCG
qEnv-R	CCAGAAGTTCCACAATCCTCG
qGFP-F	CAGTGCTTCAGCCGCTACCC
qGFP-R	AGTTCACCTTGATGCCGTTCTT
qPSMD1-F	CTGAGCTGACAGATACTACTGC
qPSMD1-R	GTGCAAATTCCTTAAGCTGTGG
qPSMD3-F	CGCCTCAACCACTATGTTCTG
qPSMD3-R	AATCAGCCTCTGTGTCCATG
qPSMD8-F	GAACCGTAAAAGCCCCAATC
qPSMD8-R	CCCGATCTCCAGTATGTCAC
qGON4L-F	GAAGTCAAGGAAGAAGGAGGG
qGON4L-R	AGGAGAGGCACAAACATCTG
qCYLD-F	TGGGATGGAAGATTTGATGGAG

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qCYLD-R	CATAAAGGCAAGTTGGGAGG
qNFKBIA-F	GTCTACACTTAGCCTCTATCCATG
qNFKBIA-R	AGGTCAGGATTTGCAGGTC
qPSMA1-F	GGTTGCATTGAAAAGGGCG
qPSMA1-R	ATCCAAACACTCCTGACGC
qPSMB1-F	GCTGCAATGCTGTCTACAATC
qPSMB1-R	TCTCTGGTAAGACCCTACTGG
qELL1-F	CCTTCTACCTCTCCAACATCG
qELL1-R	ACCGTGATCTTGTCTGTATG
qELL2-F	GAGACTTACCAGAGCCACAAG
qELL2-R	TTGTCTTTGCCACATTTGAC

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